

Access Control
Video Surveillance
Payroll
Time Attendance
Workforce Management

ESG Governance & Net Zero 2050

Scalability & Sustainability

Smart Building Solution

Jakin ID

ACTatek Unified Platform

Managing People · Security · Environment · Energy



The ACTatek model AT-1K-FSTA is designed for hassle free installation and seamless integration. It offers multi factor authentication with fingerprint, multi-RFID cards, and PIN as credentials.

The ACTatek device is equipped with the latest TLS 1.3 256-bit encryption, ensuring consistent protection against cyber security threats through frequent updates.

With an IP65 rating, ensuring robust performance for outdoor installations. The IK10-rated casing offers superior protection against physical impacts, reinforcing the device's security and durability.

Equipped with optional Power over Ethernet (PoE), a single CAT5-6 cable suffices for both the device and the door strike, offering significant cost savings in cabling. The added benefit of online maintenance not only contributes to cost reduction but also eliminates the need for on-site visits and associated travel expenses.

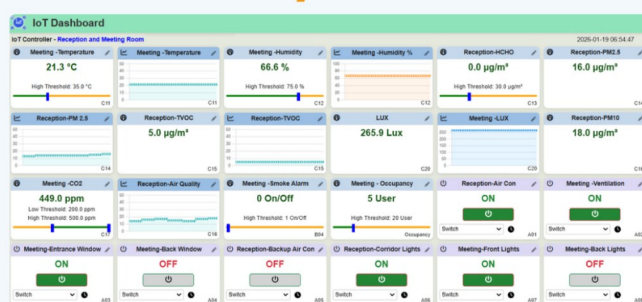
No more cabling saving carbon footprint to achieve ESG and NetZero objectives with LAN cable or WiFi (Optional) connectivities.

FC CE UK CA IK10 IEC 62368-1
IP65 (Water Proof & Impact Resistant)
FROST & SULLIVAN
"2010 World Biometrics Vertical Market
Penetration Leadership Award"



One System. Total Control

ACTatek™



Standard Features

Model Options: AT-1K-FSTA

FingerPrint authentication	✓
Built-in smartcard reader	✓
Facial recognition with camera	Optional
QR code authentication with camera	✓
Built-in web and database server	Web-Based
Number of users	1,000 users
Number of Event Logs	1,000K (FIFO when is full)
Static IP address assignment	✓
Dynamic IP address assignment	✓
Power Over Ethernet (Optional)	IEEE 802.3af/at/bt
Valid characters for employee ID	0-9, A-C (max. 16 characters)
Programmable function keys support	F1,F2,F3,F4
Authentication time	< 1 second
FingerPrint Users capacity	1,000(1:1) / 1,000(1:N)
Face Users capacity	1,000(1:1) / 1,000(1:N)
Alert	by email and SMS, LCD message displayed
WiFi (Optional)	IEEE 802.11 a/b/g/n/ac
SIM Card LTE/4G	Optional
IP Intercom (Built-in)	Optional (SIP, VoIP Intercom)
Body Temperature Sensor (Temsen) (Optional)	Specification: Power supply: 12VDC from ACTatek device Measuring range: 35.0 C - 42.8 C Fever alert: 38.0 C - 42.8C Red LED Blinks Measuring distance: 100mm - 250mm Accuracy: +/- 0.2C Speed: 600ms Interface: RS232

Model Options: AT-1K-FSTA

Cyber Security	✓ HTTP/HTTPS encrypted communications ✓ TLS1.3 256-bit with periodic updates ✓ IP range restrictions ; Allowed IP ✓ OWASP VAPT report (Vulnerability Assessment and Penetration Testing)
Remote Enrollment (Facial/Smart Card/PIN)	✓
Remote Clock-in-out	✓
SNMP support (Simple Network Management Protocol)	✓
Multi-lingual support	✓
Network interface (Built-in)	1,000 BaseT Ethernet
I/O interface	- RS-232 / RS-485 - Wiegand output (26bit)
Operation temperature	-40°C to 60°C
RFID cards support (*Smart Card model)	HID iClass(CSN) MIFARE, MIFARE Plus MIFARE DESFire EV1/EV2 SONY FeliCa SINGAPORE CEPAS NFC (*depending on mobile phone model)
Modes of authentications (depending on device model: single or multi-factor authentication)	FingerPrint, RFID Card, PIN RFID Card +FingerPrint RFID Card +PIN
Relay/Door Switch/Door Bell	1 relay /1 door switch/1 door bell
Safety standard/Casing	CE ,FCC ,IK 10 ,IEC 62368-1, UKCA IP65-fluid ingress,dust,salt,fog protection
Product Life Cycle	Minimum 10 years
Components	Industrial grade components only to guarantee wide operating temperature, reliability and durability of the device